

AMENDMENTS IN THE CLAIMS

1. (Currently Amended) An apparatus for speech recognition and character displaying in a called party mobile phone for receiving an incoming call from a calling party in a mobile telecommunication system, comprising:

an RF Module for processing an RF signal received from a base station ;

a memory storing a speech/character conversion table having conversion data for use in converting voice data to character data;

a speech recognition and character conversion unit for converting a voice signal received from the base station to voice data using speech recognition and for converting the voice data to character data by referring to the speech/character conversion table;

a display for displaying the converted character data; and

a controller for providing overall control to the mobile phone, transmitting a speech recognition notification request message to the base station if the called party mobile phone is in a speech recognition and character display mode upon receiving a paging message for the incoming call from the calling party, and controlling the speech recognition and character display operation.

2. (Cancelled)

3. (Currently Amended) The apparatus of claim 1 2, wherein upon receipt of the speech recognition notification request message, the base station recognizes that the called party mobile phone is in the speech recognition and character display mode and transmits a corresponding voice information message to ~~a corresponding caller~~ the calling party, wherein the corresponding voice information message indicates a status of the called party mobile phone and directs the calling party to leave a message.

4. (Currently Amended) A method for speech recognition and character displaying in a called party mobile phone for receiving an incoming call from a calling party in a mobile telecommunication system, comprising the steps of:

receiving a paging message for an incoming call from a calling terminal;

determining if the called party mobile terminal is in a speech recognition and character display mode;

transmitting a speech recognition and character display notification request message to a base station, if the called party mobile terminal is in the speech recognition and character display mode;

receiving a voice signal from the calling party through the base station;

converting the received voice signal to voice data using speech recognition;

converting the voice data to character data; and

displaying the converted character data on a display of the called party mobile phone.

5. (Cancelled)

6. (Currently Amended) The method of claim 4 5, wherein upon receipt of the speech recognition and character display notification request message, the base station recognizes that the called party mobile phone is in the speech recognition and character display mode and transmits a corresponding voice information message to a corresponding caller the calling party, wherein the corresponding voice information message indicates a status of the called party mobile phone and directs the calling party to leave a message.

7-12. (Cancelled)

13. (Currently Amended) A notification system for notifying a called party user of an incoming call from a calling party through voice recognition in a mobile telecommunication system, comprising:

a memory for storing a speech/character conversion table for converting voice data to character data;

a speech recognition and character conversion unit for converting a voice signal received from the calling party through a base station into character data based on the conversion table;

a controller for determining whether a voice recognition mode has been chosen by the called party user and informing the base station if the called party user has chosen the voice recognition mode,

wherein the controller displays the ~~voice~~ converted character data as a text message on a display of a mobile terminal of the called party ~~if the user has chosen the voice recognition mode.~~

14. (Original) The notification system of claim 13, further comprising:

an RF module for processing an RF signal received from the base station or to be transmitted to the base station by radio.

15. (Currently Amended) The notification system of claim 13, wherein the controller allows the called party user to choose the voice recognition mode by displaying the voice recognition mode in a menu on the display.

16. (Currently Amended) The notification system of claim 13, wherein the base station transmits a voice information message about the voice recognition mode to the calling party ~~a caller~~ if the called party user has chosen the voice recognition mode.

17. (Currently Amended) The notification system of claim 16, wherein the speech recognition and character conversion unit is located within ~~a mobile phone~~ the mobile terminal of the called party.

18. (Currently Amended) The notification system of claim 17, wherein the base station accepts a voice message from the calling party ~~caller~~ and transmits the voice message as the voice signal to ~~the mobile phone~~ the mobile terminal of the called party.

19. (Original) The notification system of claim 13, wherein the speech recognition and

character conversion unit is located within the base station.

20. (Currently Amended) The A method of claim 4, further comprising the steps of:
determining whether predetermined key data has been received from a keypad of the mobile
~~phone~~ terminal of the called party;
transmitting the speech recognition ~~and character display~~ notification request message to the
base station;
receiving the voice signal from the calling party through the base station;
converting the received voice signal to voice data using speech recognition;
converting the voice data to character data; and
displaying the converted character data on the display of the mobile phone.

21. (New) The apparatus of claim 1, wherein the controller transmits the speech recognition
notification request message to the base station, if predetermined key data has been received by the
called party mobile phone, upon receiving the paging message for the incoming call.